

In response to the Office Action, attached hereto is a substitute paragraph for insertion between the Title and "Introduction" on page 1 that delineates the claim and chain of priority. Assuming that the form and content is acceptable, Applicants request entry of the amended paragraph into the specification.

Claim 46 has been amended to overcome the rejection of the examiner and to more particularly specify the Markush group.

Finally in response to the notification to comply with the requirements of 37 CFR 1.821 – 1.825, please find attached a substitute paper copy of the Sequence Listing, and an initial computer readable form (CRF) copy of the Sequence Listing. Applicants' attorney hereby states that the content of the paper and computer readable copies are the same, and include no new matter, as required by 37 CFR 1.821(f) and 1.821(g).

If in the opinion of the Examiner, a telephone conference would expedite the prosecution of the subject application, the Examiner is invited to call the undersigned attorney.

Respectfully submitted,

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Amended Claims pursuant to 37 C.F.R. §1.121(c)

46. (Amended) The method of claim 45, wherein said invasive bacteria is selected from the group consisting of *Shigella spp*, *Listeria spp.*, *[Rickettsia spp]* and enteroinvasive *Escherichia coli*.

Amended Specification pursuant to 37 C.F.R. §1.121(b):

This application is a continuation of pending application Serial No. 08/711,961 filed Sept. 6, 1996, which is a continuation of Serial Number 08/523,855 filed September 6, 1995, now Patent No. 5,824,538 issued October 20, 1998, and claims the benefit of US Provisional Application No. 60/018,035 filed May 21, 1996 and US Provisional Application No. 60/003,318 filed September 6, 1995.